



ENGINEERING DEPARTMENT
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Right-of-Way Construction General Provisions

The Applicant is hereby authorized to engage in construction activities in the public right-of-way or public utility easement as set forth herein illustrated on the approved plans. All work shall comply with the approved plans, the City's specifications and regulations, and special conditions stipulated on this permit. Approval of the plans is to ensure general compliance with City Code and does not relieve the Permittee or its contractors from their respective duties in complying with any applicable Federal or State law or regulation, including but not limited to the Federal Endangered Species Act and its regulations.

Utility and Emergency Notification: Call the **OREGON UTILITY NOTIFICATION CENTER** for locates a minimum of two working days before you dig, drill, or blast. "It's the law" – (1-800-332-2344)

IN CASE OF WATER OR SEWER EMERGENCY, CALL 503-323-5520

Specifications for pavement cuts and excavation in the right of way or utility easement:

Traffic Control Requirements

1. A Traffic Control Plan is required for any work that will obstruct the normal flow of vehicular or pedestrian traffic. The plan must be submitted to the City for review and approval 48 hours before beginning work.
2. Employ traffic control signage/methods per Manual on Uniform Traffic Control Devices (MUTCD) or Oregon Temporary Traffic Control Handbook. For jobs where a specific traffic control plan is required, work shall not begin until the plan has been reviewed and approved by the City.
3. One travel lane must remain open at all times unless otherwise specified on the traffic control plan.

Hours of Work

Noise generating equipment is limited to the following hours of operation by the City's noise ordinance (MILWAUKIE MC 8.08.070I): Weekdays 7:00 a.m. to 7:00 p.m.; Saturdays 8:00 a.m. to 5:00 p.m. See front of permit for the hours the project street may be occupied.

Pavement Cuts

1. Pavement cuts shall be backfilled with cold mix or covered with secured steel plating at the end of each workday until the final asphalt patch is placed. Cold mix shall be placed around all edges of the steel plates. Overnight gravel patches are prohibited on a traveled way. Temporary patches shall be regularly checked and maintained.
2. If steel plates are used, "STEEL PLATES IN ROAD" signs must be installed in accordance with the MUTCD.
3. All pavement, including driveway crossings and curbs, shall be saw cut prior to final repair.
4. Saw cut slurry will be vacuumed as the cut is made.
5. Excavated spoils will be loaded directly in a truck. Spoils may not be stockpiled in the street.
6. Concrete wash water, saw cut slurry, mud, or other debris may not be washed into the City's storm or sanitary system or deposited in the right-of-way.

Trench Backfill Requirements

1. Granular backfill shall consist of ¾"-0 crushed aggregate compacted to 95% of maximum dry density as determined by AASHTO T-180. Aggregate shall meet specifications for base leveling courses for paving and surfacing (see Milwaukie Public Works Standards Division 505.03).

2. Controlled Density Fill (CDF) shall be used if specified on the approved permit. CDF shall meet the requirements of Milwaukie Public Works Standards Division 205.02.14 and Standard Drawing #515.

Pavement Patching

1. Pavement patching shall be installed in a minimum of two lifts (maximum 3" lifts) of Class C hot asphalt mix. Patch seams shall be tack-coated and sand-sealed. Thickness of asphalt patches depends on street classification and shall conform to Milwaukie Standard Drawing #515.
2. Results of all compactions tests shall be submitted to the Engineering Department (if required).
3. Rock grade inspections must be scheduled and approved prior to installing the final pavement patch. Any patch installed prior to inspection is subject to additional testing and/or removal at the Applicant's expense.
4. Potholing for utilities shall be circular holes using a vacuum device. All potholes shall be filled with CDF or Bentonite to the bottom of the existing asphalt. Asphalt shall be replaced to the same thickness as existing, but shall not be less than 4 inches thick.

Erosion Prevention and Sediment Control Requirements

1. See Milwaukie Municipal Code Title 16 Chapter 16.28 Erosion Control
2. Cover all stock piles with plastic.
3. Do not stock pile in the street.
4. Mud or other debris may not be washed into the City's storm or sanitary system or deposited in the right-of-way.
5. For more information, visit the Erosion Prevention and Control webpage:
<http://www.milwaukieoregon.gov/publicworks/erosion-prevention-and-control>